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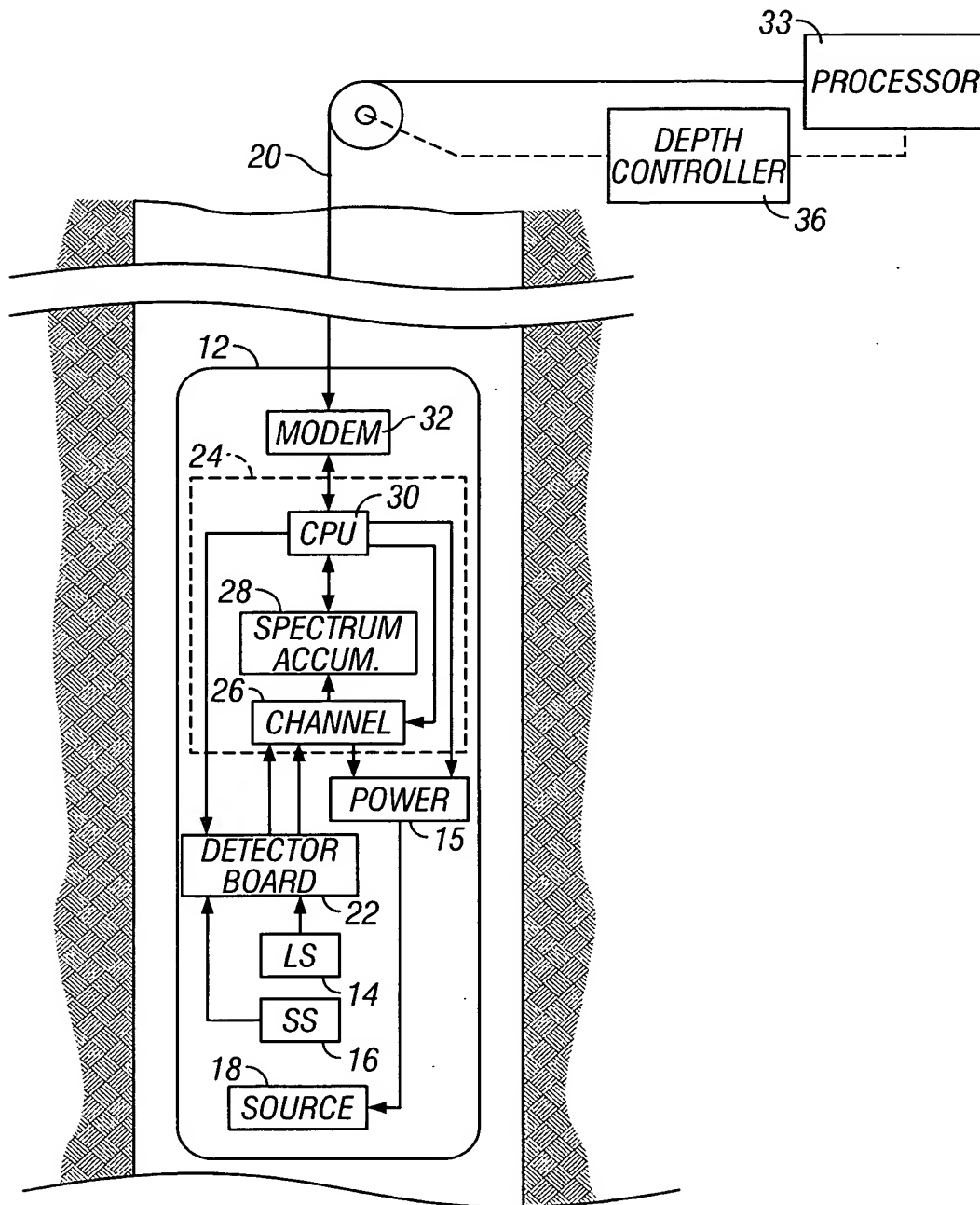
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Inventor: W. Allen Gilchrist et al.  
Title: Method and Apparatus for Determining the Thermal Neutron Capture .....  
Serial No.: 10/730,552; Filed: December 7, 2003; Confirmation No.: 1482  
Docket No.: 584-35673-US

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**FIG. 1**  
**(Prior Art)**

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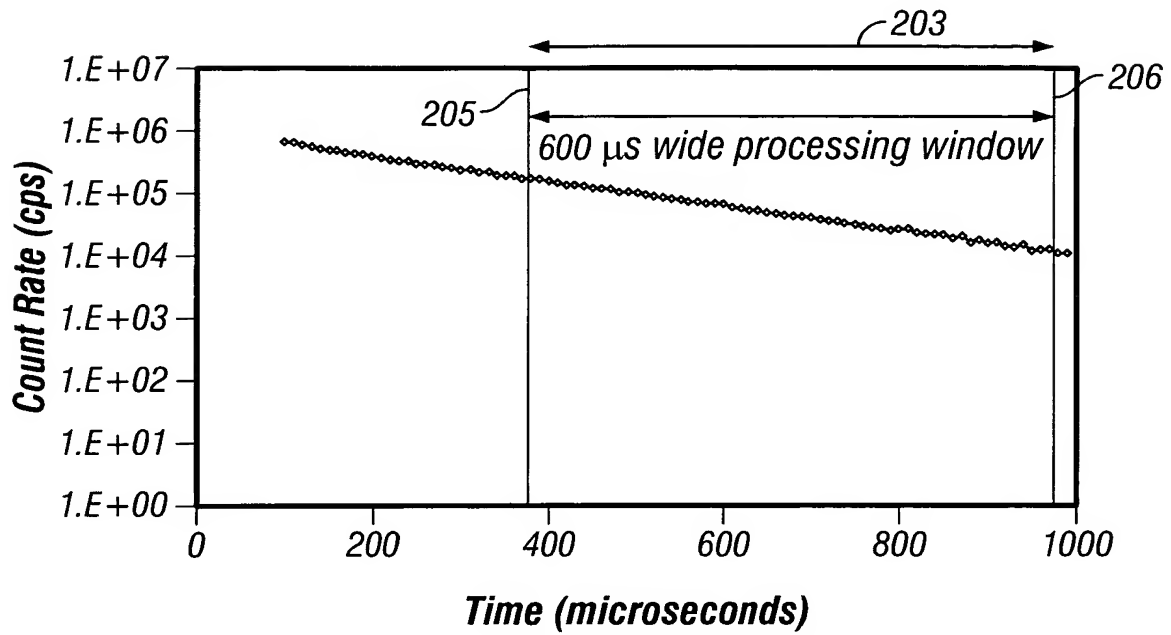


FIG. 2  
(Prior Art)

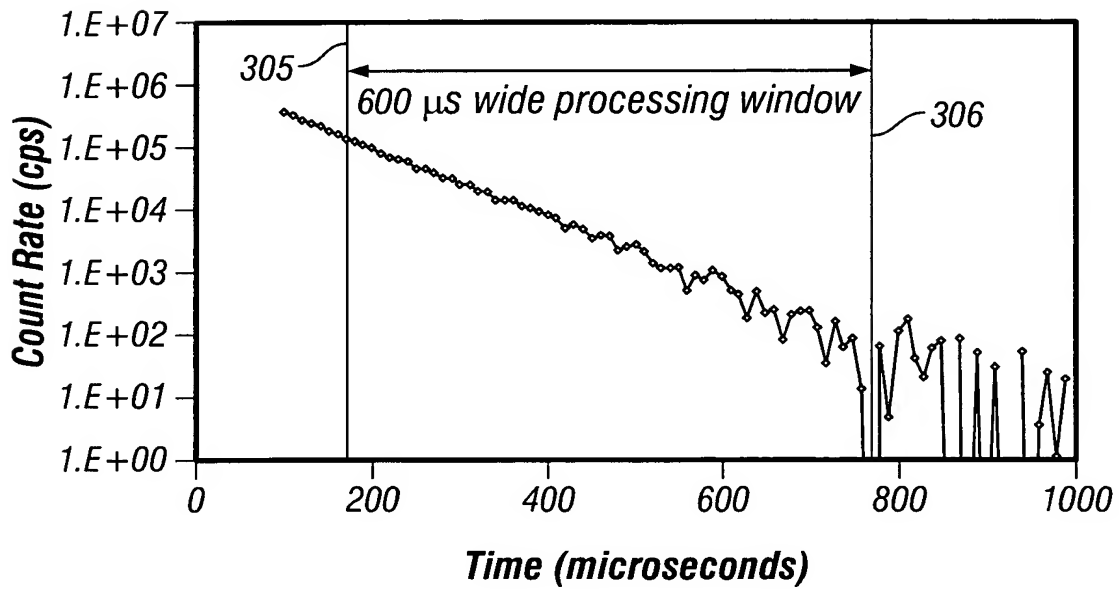


FIG. 3

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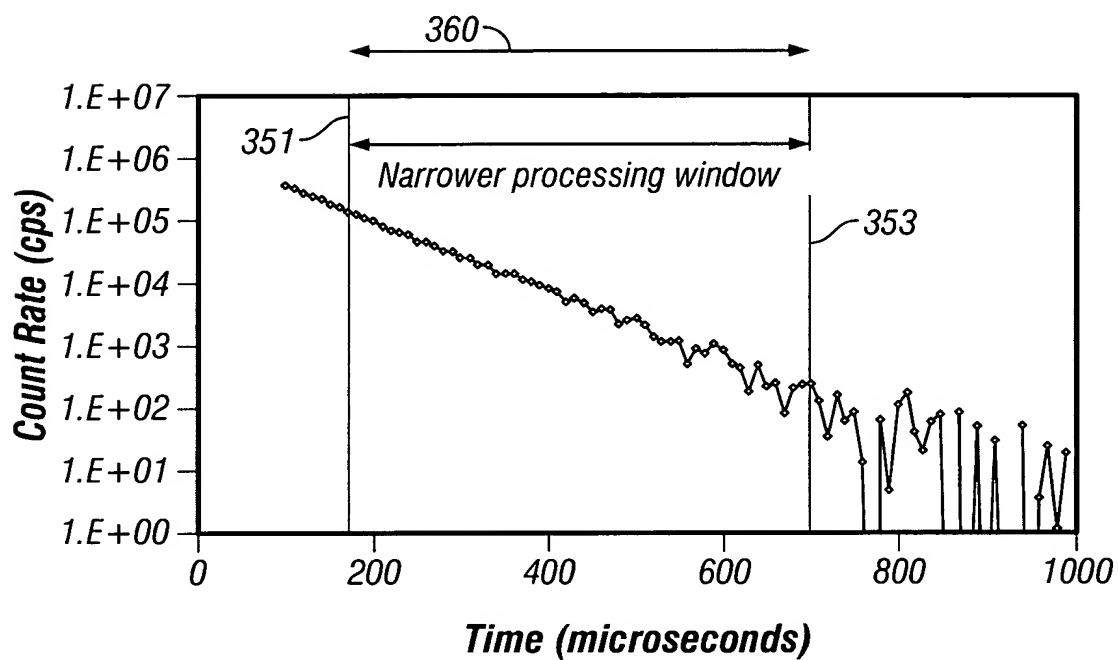


FIG. 4